

# ASIO-4021 – 1 Channel Analog Output Module

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Features	
1 Channel Analog Output voltage current type, mA, V	
12 bit resolution	
Serial interface to SoftPLC using ADAM-4000 TLM	

Specifications			
Analog Output		General	
<b>Channels</b>	1	<b>Connectors</b>	(2) plug-in terminal blocks (#14~22 AWG)
<b>Output Impedance</b>	0.5 Ω	<b>Power Consumption</b>	1.4 W @ 24 VDC
<b>Output Range</b>	0 ~ 20 mA 4 ~ 20 mA 0 ~ 10 V	<b>Watchdog Timer</b>	System (1.6 second)
<b>Output Type</b>	mA, V	<b>Supported Protocols</b>	ASCII command
<b>Accuracy</b>	±0.1% of FSR for current output ±0.2% of FSR for voltage output	<b>Power Input</b>	Unregulated 10 ~ 30 VDC
<b>Current Load Resistor</b>	0 to 500 Ω (source)	<b>Module Dimensions</b>	110 x 60 x 27 mm (HxWxD)
<b>Resolution</b>	12-bit	<b>Construction Material</b>	Impact Resistant ABS plastic
<b>Isolation Voltage</b>	3,000 VDC	<b>Certifications &amp; Compliances</b>	UL, UL(C), CE, FCC rated, ROHS Compliant
<b>Programmable Output Slope</b>	0.125 ~ 128 mA/sec. 0.0625 ~ 64.0 V/sec.	<b>Environment</b>	
<b>Readback Accuracy</b>	±1% of FSR	<b>Humidity</b>	5 ~ 95% RH
<b>Span Temperature Coefficient</b>	±25 ppm/°C	<b>Temperature</b>	<b>Operating:</b> -10 ~ 70°C (-14 ~ 158°F)
<b>Zero Drift</b>	<b>Voltage output:</b> ±30 μV/°C <b>Current output:</b> ±0.2% μA/°C		<b>Storage:</b> -25 ~ 85°C (-13 ~ 185°F)